

CALIFORNIA BIODIVERSITY NEWS

California Biodiversity Council

Fall/Winter 2007 Vol. 14 No.21



by
**Mike
Chrisman**
Co-Chair,
California
Biodiversity
Council

FROM THE CHAIR

California's rich biodiversity is particularly vulnerable to the impacts of global climate change. This month the California Biodiversity Council will examine ways to mitigate the impacts of climate change at its "Climate Change in California" meeting in Clarksburg.

The rapidly changing dynamics of our planet, and the challenge that continued population growth and global climate change present to our way of life, will greatly impact the way we manage our land, water, air and living resources.

(continued on page 2)

California Leading the Fight Against Global Warming

by Secretary Linda Adams, California Environmental Protection Agency

California has a long history of environmental leadership. For nearly two decades, the state has been working to reduce greenhouse gas emissions. From improving energy efficiency to reducing tailpipe emissions, California continues to lead the nation with innovative ideas to protect our environment and strengthen our economy.

When Governor Arnold Schwarzenegger asked me to head the California Environmental Protection Agency, I knew instantly that this governor was serious about environmental protection. His charge to me: "I want clean air, clean water, and no excuses."

CALIFORNIA'S HISTORIC GREENHOUSE GAS INITIATIVES

One of my first assignments was to serve as the governor's lead negotiator on Assembly Bill 32 (AB 32), California's landmark greenhouse gas reduction bill. The governor was very clear from the beginning that he wanted a bill with bold goals and a clear path to success.

In 2005, Gov. Schwarzenegger set aggressive greenhouse gas reduction targets – 1990 levels by 2020 – and directed the California Environmental Protection Agency to lead a Climate Action Team to coordinate the state's various climate change programs and make further reduction recommendations. In addition to more than 40 reduction strategies outlined by the Gov-

(continued on page 4)

From the Chair

(continued from page 1)

"Climate Change in California" will provide an occasion to discuss opportunities for federal, state and local agencies to work cooperatively to help protect our natural resources for generations to come.

Already, many agencies have come together as members of the California Climate Action Registry where we will work to measure our "carbon footprint." The registry will help measure operational greenhouse gas emissions and provide guidelines to encourage voluntary actions to increase energy efficiency.

California's efforts must be science-based, but they must also be incentive-driven, so that we may truly begin to change our culture. We must also ensure that we provide a clear vision on how we adapt to future climate change.

I'm excited the California Biodiversity Council will present a forum to discuss these important issues and I am hopeful the dialogue will benefit our great state. 🌲

"I had no idea..."

*by Nina Gordon,
California State Parks*

Changing Perspectives of Off Highway Vehicle Recreation Areas

This was a common utterance at the April 11-12 California Biodiversity Council meeting on balancing Off Highway Motor Vehicle (OHV) recreation use with preservation of biodiversity. Education, leadership and collaboration were the themes of the meeting held in San Jose, which included a tour of two popular OHV recreation areas.

Council members toured Santa Clara County's Metcalf Motorcycle Park, and California State Parks' Hollister Hills State Vehicular Recreation Area. There was a marked change in perspectives and attitudes as Council members and others learned that these areas provided high quality family recreation, while enhancing bio-diversity through the preservation of open space and taking a pro-active role in natural resources stewardship.

At Metcalf Motorcycle Park (Metcalf), members were introduced to a successful motorcycle park in the middle of an urban setting. Those who had the vision to develop Metcalf did with an eye for enjoyable OHV recreation and the protection of resources. With houses going up all around, the park is an oasis for wildlife. Metcalf has a unique Junior Ranger program taught by passionate and committed rangers

at the park. Through the program, children learn about the different resources at the park and ways to protect them. They also learn about safe and responsible operation of off-highway vehicles.

Hollister Hills State Vehicular Recreation Area (SVRA) provided excellent examples of resource management practices designed to promote responsible recreation in a natural setting. In this 6000 acre park, the group learned how park staff balance OHV recreation with areas set aside for California red-legged frog and the California tiger salamander. From atop a knoll, the participants looked out to spectacular scenery and learned about vegetation management strategies employed at the park. These include re-routing trails, removing invasive exotic species, revegetation with native species and protection of both existing trees and new seedlings. The importance of good trail design and route selection were emphasized. Hollister Hills SVRA staff demonstrated how a well designed trail can serve two critical purposes; creating a fun experience that encourages recreationists to remain on the trail and also enhancing effective resource management by reducing soil erosion. Later in the

(continued on page 6)



About the California Climate Action Registry

The California Climate Action Registry (the Registry) was established by California statute as a non-profit voluntary registry for greenhouse gas (GHG) emissions. The purpose of the Registry is to help companies and organizations with operations in the state to establish GHG emissions baselines against which any future GHG emission reduction requirements may be applied.

The Registry encourages voluntary actions to increase energy efficiency and decrease GHG emissions. Using any year from 1990 forward as a base year, participants can record their GHG emissions inventory. The State of California, in turn, will offer its best efforts to ensure that participants receive appropriate consideration for early actions in the event of any future state, federal or international GHG regulatory scheme. Registry participants include businesses, non-profit organizations, municipalities, state agencies, and other entities.

The Registry has developed a General Protocol and additional industry-specific protocols which give guidance on how to inventory GHG emissions for participation

in the Registry: what to measure, how to measure, the back-up data required, and certification requirements. When organizations become participants, they agree to register their GHG emissions for all operations in California, and are encouraged to report nationwide. Both gross emissions and efficiency metrics will be recorded. The Registry requires the inclusion of all direct GHG emissions, along with indirect GHG emissions from electricity use.

The Registry requires the reporting of only CO₂ emissions for the first three years of participation, although participants are encouraged to report the remaining five GHGs covered in the Kyoto protocol (CH₄, N₂O, HFCs, PFCs, and SF₆). The reporting of all six gases is required after three years of Registry participation.

Specific Registry responsibilities include the following:

- * Enable the voluntary recording of GHG (greenhouse gas) emissions in a consistent, certified format.
- * Qualify third-party organizations that have the capability to certify reported baseline emissions.
- * Maintain a record of all certified GHG emissions baselines and



emissions results.

- * Adopt industry-specific reporting metrics.
- * Encourage voluntary actions to increase energy efficiency and reduce GHG emissions.
- * Provide participants with referrals to approved providers for technical assistance and advice on programs to monitor, estimate, calculate, report, and certify GHG emissions; establish emissions reduction goals; and improve energy efficiency.
- * Recognize, publicize, and promote participants.
- * Recruit broad participation from all economic sectors and regions of the state.
- * Biennially report to the Governor and Legislature on Registry successes and challenges.
- * Provide additional services for participants such as workshops, training seminars, and "best practices" exchanges. 🌿



California Leading the Fight Against Global Warming

(continued from page 1)

ernor's Climate Action Team, California already is engaged in reduction programs.

Recently, the California Integrated Waste Management Board announced that the state had met its goal of reducing waste by 50 percent through aggressive recycling and re-use programs. By diverting half of its garbage, California is reducing one million metric tons of greenhouse gases annually – that's equivalent to removing more than 200,000 cars from the road every year.

With the governor's signing of AB 32, the state embarks on the most aggressive greenhouse reductions ever in the nation. If we do this right, we will be a model for other states, the nation, and other countries to follow. So our vocabulary does not include the word "failure."

THE SIGNS AND RISKS OF CLIMATE CHANGE

The signs of climate change are all around us. According to U.S. government scientists, temperatures this year have



registered hotter than any year in the continental United States since records began in 1895. There are no credible scientists left who deny that the planet is warming from a higher concentration of greenhouse gases in the atmosphere. Because most climate change emissions remain in the atmosphere for decades or even centuries, it will take years to clear the atmosphere of greenhouse gases that are already there. But research shows that the impacts of climate change will be dramatically lessened if we take action now to slow the emission of greenhouse gases.

Cutting-edge climate science

has been gaining headlines a lot these days. While the exact impacts of climate change are still somewhat uncertain, the research is showing that the threats could be quite devastating.

California's temperatures are expected to rise up to 10 degrees Fahrenheit by the end of the century – meaning severe heat like we've

experienced this summer would not be considered severe, but normal. Research indicates that places like Los Angeles could experience a hundred more days of 90 plus degree temperatures every year.

Hotter temperatures would slow progress toward attaining clean air targets, leading to continued public health problems, including asthma attacks and other respiratory effects. Research also indicates that warmer days could mean less snow in the mountains and less spring runoff for drinking water, more flooding in the winter, and droughts in the summer.

(continued on page 7)



Saving Years of Staff Time and Planning Efforts:

The California Biodiversity Council Demonstrates the Benefits of Pooling Talents

by Nina Gordon, California State Parks

We have all faced a major planning effort in an unfamiliar realm, and hoped for the foresight and experience to know in advance which pitfalls to avoid, what critical elements to consider, what tried and true methods to use to help achieve success and what resources we should anticipate employing. The California Biodiversity Council demonstrated this can be achieved through one of the unique benefits of the Council; pooling resources from a wide variety of key land management agencies.

Following the April meeting of the CBC on Off-Highway Vehicle (OHV) Use, the CBC committed to assisting the Yolo County Parks and Resources Department in their efforts to address illegal riding in county creeks and examine the feasibility and desirability of siting an OHV park in their County. As is common among rural counties, Yolo County is faced with the universal challenges of staff and funding shortages, the Council offered to expedite their efforts in examining the issue. The inspiration for this action item came from the fact that government projects must consider critical elements in the initial stages to appropriately assess the feasibility of, and also address in a timely manner, all the stages of, planning and implementation should such a project proceed. Thus a meeting of a variety of CBC members with

experience in this area would help avoid pitfalls and ensure a smoother planning effort.

The CBC staff pulled together an impressive group of very skilled, knowledgeable and experienced representatives to address a variety of critical issues. The group worked with Julia McIver, Interim Parks and Resources Director, to develop and ambitious agenda covering enforcement, permitting, environmental considerations, management techniques, funding and a variety of other issues.

Among the representatives committing their time to this effort were State Parks Deputy Director Daphne Greene and Santa Clara County Parks Director Lisa Killough.

Following a briefing on the background of the CBC by Chris Nota, Julia McIver gave an overview of the issues the County had been considering and to which she wanted input from the participants in attendance. An important issue facing the County is the increase in illegal OHV use going on in Putah and Cache Creeks. This use has resulted in bank erosion, levee damage, habitat destruction and water quality degradation.

Yolo County recognizes the increase in OHV use in the County and is currently working on updating their General Plan and their Habitat Conservation Plan (HCP) in an effort to provide a legal place for

OHV recreation and reduce the environmental damage. The HCP still has two years before it is adopted but there is some data that will be available before that time which will assist in site selection for an OHV park.

Participants brought up lessons learned through their own experience, discussed what worked, what they would have done differently and provided additional ideas and programs gleaned from many years of experience. The group emphasized that anyone working with OHV recreationists should make a concerted effort to further understand their varied needs, which would help with planning alternatives, which would provide the fun experience critical to a successful OHV park. This understanding also helps in the development and success of enforcement efforts.

The group provided considerations which included: prioritizing resources to stop illegal use and to develop alternate legal sites; determining carrying capacity for the County; determining how to measure current and future demand; formal and informal public outreach; identifying the need to allow for eventual parking lot expansion; conducting an in-depth soil study prior to any decisions on a site; coordinating a public study of other amenities needed (camping, RV hookups); identifying the ability to have

(continued on page 8)



Changing Perspectives of Off Highway Vehicle Recreation Areas

(continued from page 2)

afternoon, attendees were treated to a four-wheel drive adventure in the upper ranch area. Development pressures from adjacent lands and the resource implications were discussed while viewing the rapidly expanding San Benito County.

New light was shed on the classic stereotype of an OHV recreationist as the tour observed visitors of all ages including families, a group of young women, and a few octogenarian riders.

As day turned into evening, the group moved next door to the park and while sipping a glass of wine straddled a major fault line which dissects the De Rose Vineyards. Here, a National Natural Landmark

plaque was a point of interest on the wall of the "oldest existing winery" in California. After a fascinating presentation by representatives of the California Geological Survey, the group moved up the road to the Pietra Santa Vineyards. In the winery, the group enjoyed a delicious dinner while listening to Russ Ehnes, Executive Director of the National Off-Highway Vehicle Conservation Council, who presented a program which provided a national perspective on OHV recreation.

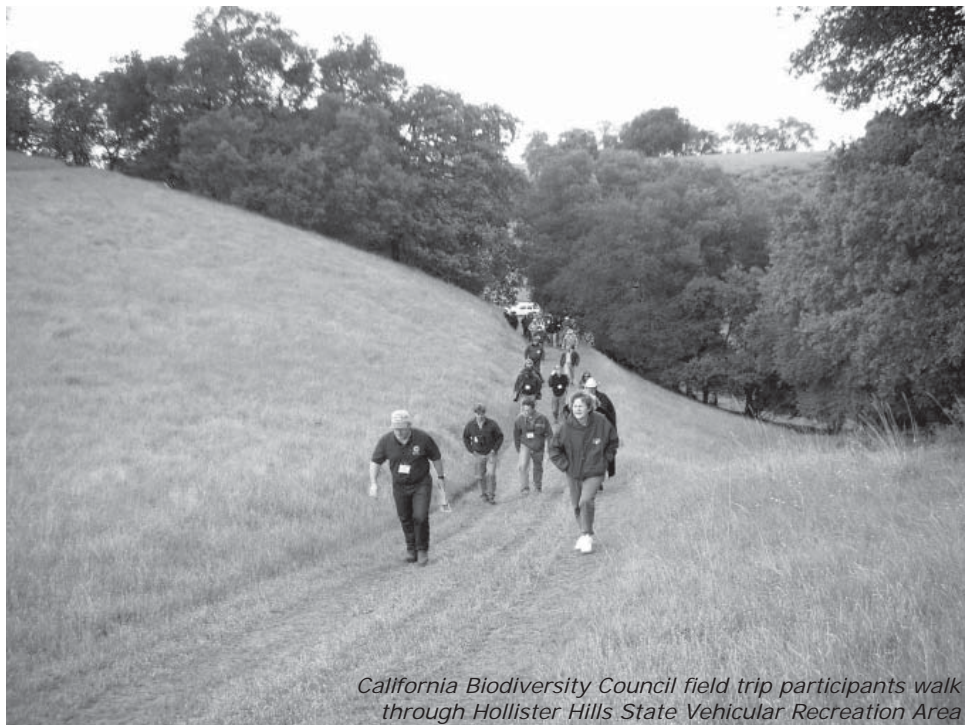
The second day of the meeting focused on operational issues and included two expert panels discussing the wide-ranging issues associated with OHV use. Phil Jenkins, Chief of California State Parks' Off-Highway

Motor Vehicle Recreation Division, provided the background needed for further discussion including the rapid rise in OHV recreation, changing demographics and adaptive design by vehicle manufacturers. The presentation cited statistics showing a 1,300 percent increase in SUV street legal 4x4 sales over the past 15 years, an 85 percent increase in registrations of dirt bikes over the past 5 years, and an 87 percent increase in all-terrain vehicle registrations. With the rapidly growing urbanization of California, OHV enthusiasts have fewer places to recreate, while at the same time demand is continuing to grow.

The first panel framed the issue of OHV recreation, particularly from an "on the ground" perspective and defined "issues" as trends, opportunities and challenges. Interestingly, issues discussed were not necessarily negative - just topics that should be addressed in some fashion in the next five years. The second panel featured solutions, best practices and the "art of balancing" OHV recreation and biodiversity conservation. Some of the specific topics discussed include:

- Tremendous growth in the sport
- Declining recreation opportunities and associated crowding and degrading quality of recreation areas due to overcrowding
- Lack of a land ethic in

(continued on page 7)



California Biodiversity Council field trip participants walk through Hollister Hills State Vehicular Recreation Area



Off Highway Vehicle Recreation Areas

(continued from page 6)

some members of the OHV community, and the need and opportunity to embrace new OHV recreationists to instill such an ethic

- Potential for increasing fees to support environmental stewardship
- The role of the environmental community in working with, rather than against, the OHV community
- The role of the environmental community in working with, rather than against, the OHV community
- Encroachment on OHV lands by residential, industrial and military use
- The impact of displacing use
- The changing face of the typical OHV recreationist, including a growing presence by the Latino community
- The real cost of lawsuits
- The importance of family recreation in achieving community health
- The dollar and cultural value of volunteer services provided by the OHV community on public lands
- The need for leadership at every level

After discussing what was and was not working, every speaker concluded that education, leadership and collaboration were essential elements in addressing these

(continued on page 8)

California Leading the Fight

(continued from page 4)

Heat could affect the frequency and intensity of wildfires. And the risk of rising sea levels could erode California's coastline and threaten the state's tourism industry. Temperature increases could also severely impact California's world famous agriculture industry – reducing premium wine grape land by 80 percent.

The impacts of climate change can sound scary, but that's why we must take action now to reduce greenhouse gas emissions. As the 12th largest emitter of greenhouse gases, and as a worldwide environmental leader, California has an opportunity to set the pace for action. In truth, we are all part of the solution.

REACHING OUT TO OTHER STATES AND OTHER NATIONS

Gov. Schwarzenegger has taken his ideas to other nearby states – working with Oregon and Washington governor's on climate change and recently made a commitment with other Western governors to build more clean, renewable energy

plants. And in August, he met with British Prime Minister Tony Blair, committing to work with the United Kingdom to solve this global problem.

Measures that reduce greenhouse gas emissions ultimately save businesses and consumers money. California's building and appliance efficiency standards, for example, yielded \$56 billion dollars in energy cost savings between 1975 and 2003. These standards are projected to save businesses and individuals an additional \$43 billion in utility costs by 2013. At the same time, they will dramatically reduce greenhouse gas emissions – 7 million tons of carbon by 2020.

Each and every one of us can be part of the solution – by conserving energy, buying energy efficient products and appliances, recycling, and driving cleaner cars. What seem like small efforts, when joined together, are the way we will reduce greenhouse gases and slow global warming. 🌿

Linda Adams is Secretary of the California Environmental Protection Agency.



Off Highway Vehicle Recreation Areas

(continued from page 7)

important issues. All of the speakers noted that collaboration works, and that the land, biodiversity and OHV recreation all benefited from active engagement by stakeholders. They also noted that through collaboration, stakeholders are able to address issues in richer, more sustainable ways and offer more effective multi-objective management approaches. The diverse representation among the panelists resulted in an enlightening discussion addressing the theme of balancing sustainable, high-quality recreational opportunities while conserving biodiversity. Represented agencies and organizations ranged from the Audubon Society, California State Parks, Yolo County Parks Department, San Diego Off-Road Coalition, US Forest Service, Bureau of Land Management, District Conservation Planning Coalition, Friends of the Inyo Forest, Off-Road Business Association, Santa Clara County Parks and the US Fish & Wildlife Service. Lisa Buetler, from the Center for Collaborative Policy, facilitated the two panels. There was also a common acknowledgment that this issue impacts local, state and federal agencies, and will continue to be an issue that must be addressed in the future.

Many Council members expressed a new found appreciation for OHV recreation, and expressed interest

in supporting some pilot efforts that focus on multi-objective management that enhances bio-diversity. There was a common understanding that two areas of focus should be providing OHV recreation opportunities in areas within reasonable proximity to the recreating public, and educating the OHV community as to available (and legal) areas in which to recreate. As such, two commitments were made for further action. One was to assist Yolo County in their efforts to further explore ways of addressing illegal riding in county creeks and the feasibility of establishing an OHV park. The inspiration for this action item came from the fact that government projects must consider critical elements in the initial stages in order to appropriately assess the feasibility and address in a timely manner all of the stages of planning and implementation should such a project proceed. Thus a meeting of a variety of CBC members with experience in this area could help avoid pitfalls and ensure a smoother planning effort. The other action item addressed increasing public awareness of legal areas for OHV recreation (and thus hopefully reduction of illegal use). A commitment was made to expand the existing public OHV map to include additional recreational areas and make it available on the web. 🌲

Yolo County

(continued from page 5)

organized events; and, providing buffer zones around a OHV facility.

It was also pointed out that there is often more public acceptance when an OHV park is sited in an area with existing use. For example, an abandoned gravel mining area could have the potential to become a site. Other topics discussed included potential partnerships and sources of funding, as well as managing traffic flow and utilizing landscape design to reduce noise. The motto used in some OHV parks; "Education, Enforcement, and Support for Responsible Riders" was presented as an example of a positive approach to managing OHV opportunity.

Yolo County staff found the meeting extremely helpful. Julia McIver stated, "The information learned in the three hours of the meeting probably saved us years of learning lessons the hard way. Having this considerable brain trust together was instrumental in helping us understand the realities around managing OHV use, and to focus our efforts and prioritize our goals".

This effort is a model for addressing other issues and assisting in furthering the goals of the California Biodiversity Council to "discuss, coordinate, and assist in developing strategies..." Based on the success of this effort, this model can be used to draw on the vast experience and expertise of the CBC members and staff to address other policy issues and provide assistance for other member agencies. 🌲



Resources

Reading

The Rough Guide to Climate Change by Robert Henson. The Rough Guide to Climate Change is a complete, unbiased guide to one of the most pressing problems facing humanity. From the current situation and background science to the government sceptics and possible solutions, this book covers the whole subject. Available for \$11.55 from <http://www.amazon.com>.

The Live Earth Global Warming Survival Handbook: 77 Essential Skills To Stop Climate Change by David de Rothschild. It is a fun, compelling, and sly deconstruction of a survival guide that offers suggestions, practical advice, factual information, and bluesky dreaming of ways to save the world. Each skill is presented featuring instructional illustrations, a brief introduction to the skill and its core ideas, a set of instructions, spin-off ideas, and scientific and environmental facts. Available from <http://www.amazon.com> for \$8.58.

IGNITION: What You Can Do to Fight Global Warming and Spark a Movement by Jonathan Isham, Sissel Waage. For anyone who feels compelled to do more than change their light bulbs or occasionally carpool, Ignition is an essential guide. Combining incisive essays with success stories and web resources, the book helps readers answer the most important question we all face: "What can I do?" Available from Island Press for \$18.95. <http://www.islandpress.org>.

FISH CONSERVATION: A Guide to Understanding and Restoring Global Aquatic Biodiversity and Fishery Resources by Gene S. Helfman. Fish Conservation offers, for the first time in a single volume, a readable reference with a global approach to marine and freshwater fish diversity and fishery resource issues. Gene Helfman brings together available knowledge on the decline and restoration of freshwater and marine fishes, providing ecologically sound answers to biodiversity declines as well as to fishery management problems at the subsistence, recreational, and commercial levels. Available from Island Press for \$85.00. <http://www.islandpress.org>.

A FIELD GUIDE TO CONSERVATION FINANCE by Story Clark. Finally, a comprehensive book on land conservation financing for community and regional conservation leaders. A Field Guide to Conservation Finance provides essential advice on how to tackle the universal obstacle to protecting private land in America: lack of money. Available from Island Press for \$35.00. <http://www.islandpress.org>.

California Wildlife:

Conservation Challenges

The California Wildlife Action Plan Report is now available for download. In 2000, Congress enacted the State Wildlife Grants Program to support state programs that broadly benefit wildlife and habitats, particularly those addressing "species of greatest conservation need." The wildlife action plan was developed and produced as a collaboration between the California Department of Fish and Game and the Wildlife Health Center at the University of California, Davis. Please go to <http://www.dfg.ca.gov/wildlife/WAP/index.html> to learn more and to download and read the report.





The California Biodiversity Council approaches biological conservation in California at a bioregional scale. These bioregions are primarily based upon the state's physiographic provinces.

STATE

Mike Chrisman (CBC Co-Chair)
Secretary for Resources
Todd Ferrara, Deputy Secretary for External Affairs
CA Resources Agency
1416 Ninth Street, Room 1311
Sacramento, CA 95814

Peter Douglas, Executive Director
Susan Hansch, Chief Deputy Director
California Coastal Commission
45 Fremont Street #2000
San Francisco, CA 94105

David Muraki, Director
California Conservation Corps
1719 24th Street
Sacramento, CA 95816

James D. Boyd, Commissioner
Roger Johnson, Manager, Siting and Compliance Office
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Linda Adams, Secretary
Ricardo Martinez, Assistant Secretary for Border Affairs
CA Environmental Protection Agency
1001 I Street
Sacramento, CA 95814

Will Kempton, Director
Gregg Albright, Deputy Director of Planning
CA Department of Transportation
1120 N Street
Sacramento, CA 95814

Bridgett Luther, Director
CA Department of Conservation
801 K Street MS 24-01
Sacramento, CA 95814

Ryan Broddrick, Director
Banky Curtis, Deputy Director, Habitat Conservation Division
CA Department of Fish and Game
1416 Ninth Street
Sacramento, CA 95814

A.G. Kawamura, Secretary
Gerry Miller, Senior Environmental Planner
CA Dept. of Food and Agriculture
1220 N Street #409
Sacramento, CA 95814

Ruben Grijalva, Chief Acting Director
Crawford Tuttle, Chief Deputy Director
CA Dept. of Forestry and Fire Protection
Post Office Box 944246
Sacramento, CA 94244-2460

Ruth Coleman, Director
Rick Rayburn, Chief, Natural Resources
CA Dept. of Parks and Recreation
1416 Ninth Street
Sacramento, CA 95814

Lester Snow, Director
Greg Albright, Deputy Director
CA Department of Water Resources
1416 Ninth Street
Sacramento, CA 95814

Bill Mungary, Chair
Larry Myers, Executive Director
Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

Will Travis, Executive Director
San Francisco Bay Conservation & Development Commission
50 California Street, Suite 2600
San Francisco, CA 94111

Sam Schuchat, Executive Officer
Mary Small, Program Manager
State Coastal Conservancy
1330 Broadway #1100
Oakland, CA 94612-2530

Paul Thayer, Executive Officer
State Lands Commission
100 Howe Avenue, Suite 100 South
Sacramento, CA 95825-8202

Art Baggett, Board Chairman
State Water Resources Control Board
Post Office Box 4025
Sacramento, CA 95814

Richard Standiford, Acting Vice President, Division of Agriculture and Natural Resources
Bill Frost, Program Leader, Natural Resources
University of California
1111 Franklin St.
Oakland, CA 94607

FEDERAL

Mike Pool, State Director (CBC Co-Chair)
Tony Danna, Deputy State Director
Bureau of Land Management
2800 Cottage Way, W-1834
Sacramento, CA 95825-1886

Kirk Rodgers, Regional Director
Frank Michny, Regional Environmental Officer
Bureau of Reclamation
U.S. Department of the Interior
2800 Cottage Way, E-2604
Sacramento, CA 95825

Wayne Nastri, Administrator
Jovita Pajarillo, Deputy Director, Public Affairs Office
U.S. Environmental Protection Agency
75 Hawthorne Street, 18th floor
San Francisco, CA 94105

William J. Douros, Regional Director
Matt Brookhart, Regional Policy Coord.
West Coast Regional Office
National Marine Sanctuary Program (NOAA)
99 Pacific Street, Suite K
Monterey, CA 93940

Rodney McInnis, Deputy Regional Administrator
Russ Strach, Assistant Regional Administrator for Protected Resources, NMFS Southwest Region
National Marine Fisheries Service (NOAA)
501 West Ocean Boulevard #4200
Long Beach, CA 90802

Jon Jarvis, Regional Director
Patty Neubacher, Deputy Regional Director
National Park Service
1111 Jackson Street, Suite 700
Oakland, CA 94607

Ed Burton, State Conservationist
Luana Kiger, Special Assistant to the State Conservationist
USDA Natural Resources Conservation Service
430 G Street #4164
Davis, CA 95616

Steve Thompson, Manager
Ken McDermond, Deputy Manager
California/Nevada Operations
U.S. Fish and Wildlife Service
2800 Cottage Way, W-2606
Sacramento, CA 95825



Representatives

CBC members are in normal text and representatives are in italics.

Bernie Weingardt, Regional Forester
Christine Nota, Regional Forester's Representative
USDA Forest Service
Pacific Southwest Region
1323 Club Drive
Vallejo, CA 94492

Steven Schwarzbach, Ph.D., Director
Western Ecological Research Center
U.S. Geological Survey, Biological Resources Division
3020 State University Dr. East
Modoc Hall, Room 3006
Sacramento, CA 95819

Michael V. Shulters, Director's Representative for California
U.S. Geological Survey
6000 J Street, Placer Hall
Sacramento, CA 95819-6129

Patrick Christman
(Ex-officio member)
U.S. Marine Corps, Western Regional Environmental Coordination
Bldg 1164, Room 106, Box 555246
Camp Pendleton, CA 92055-5246

LOCAL

Patrick Truman, President
Tacy Currey, Executive Director
California Association of Resource Conservation Districts
801 K Street, Suite 1415
Sacramento, CA 95814

Merita Callaway
Calaveras County Supervisor
California State Assn. of Counties
891 Mountain Ranch Rd,
San Andreas, CA 95249
(209) 754-6303

Michael Delbar, Supervisor
County of Mendocino
North Coastal California Counties Association
501 Low Gap Road #1090
Ukiah, CA 95482

Robert A. Meacher, Supervisor
County of Plumas
Regional Council of Rural Counties
Post Office Box 10207
Quincy, CA 95971

Terry Woodrow
Alpine County Supervisor
Sacramento-Mother Lode Regional Association of California Counties
P.O. Box 158
99 Water St.
Markleeville, CA 96120
(530) 694-2281

Crystal Crawford, Mayor,
City of Del Mar
Member, SANDAG Board of Directors
Keith Greer, Land Use and Transportation Planning
San Diego Assn. of Governments (SANDAG)
401 B Street Suite 800
San Diego, CA 92101

Bob Pickard, Supervisor
County of Mariposa
San Joaquin Valley Regional Association of Counties
5088 Bullion Street
Mariposa, CA 95338

Steve Bennett, Supervisor
County of Ventura
South Coast Association of Counties
Ventura County Government Center
800 South Victoria Avenue, L-1900
Ventura, CA 93009

Margaret Clark, Council Member,
City of Rosemead
Jessica Kirchner
Southern California Association of Governments (SCAG)
818 West 7th Street, 12th Floor
Los Angeles, CA 90017-3435

TBD
Northern California Counties Assn.

Upcoming Events

Dec. 5, 2007 ***Sierra Nevada Conservancy Climate Change Symposium***
Sponsor: Sierra Nevada Conservancy
Location: Nevada City, California
Contact: (530) 823-4670
www.sierranevada.ca.gov

Jan. 22, 2008 ***California Biodiversity Council Statewide Meeting: California Wildlife Action Plan***
Sponsor: California Biodiversity Council
Location: Sacramento, California
Contact: Lauren McNees, (916) 445-5845
lauren.mcnees@fire.ca.gov
<http://ceres.ca.gov/biodiv/meetings.html>

late Jan. or early Feb., 2008 ***CalFire Forest Science and Climate Change Management: Mitigation, Adaptation and Conservation***
Sponsor: CalFire, CARB, USFS, and CEC
Location: Sacramento, California
Contact: Air Resources Board
<http://www.climatechange.ca.gov/events/index.html>

Jan. 31, 2008 ***Climate Change Discussion For the Sacramento Region's Elected Officials, County Executives and City Managers***
Sponsors: Sacramento AQMD, SACOG, City of Roseville, PG&E, and SMUD
Location: Sacramento, California
Contact: Tony Leonard, aleonard@lgc.org (916) 448-1198 Ext. 315
<http://www2.lgc.org/events/index.cfm>

Nov. 7-9, 2007 ***Behavior, Energy and Climate Change Conference***
Sponsors: California Institute for Energy and Environment and American Council for an Energy-Efficient Economy
Location: Sacramento, California
Contact: Karen Sharp, (510) 287-3321
Karen.Sharp@ucop.edu
<http://aceee.org/htm>



In this issue . . .

<i>Title</i>	<i>Page #</i>
From the Chair	1
California Leading the Fight Against Global Warming . . .	1
Changing Perspectives of Off Highway Vehicle Recreation Areas	2
Saving Years of Staff Time and Planning Efforts	3
About the California Climate Action Registry	3
Resources	9
CBC Members.	10
Upcoming Events	11

Managing Editor/Graphic Designer
Lauren McNees, California Biodiversity Council

The California Biodiversity News is published
twice yearly by the California Biodiversity
Council. All issues are available online at
www.ceres.ca.gov/biodiv/newsletter.html.
Subscriptions are free and available to the public.

Send all changes of address, subscription
requests, and other correspondence to:

California Biodiversity Council
c/o CDF Fire & Resource Assessment Prgm
PO Box 944246
Sacramento, California 94244

Phone: 916.445-5845
Fax: 916.324-1180
lauren.mcnees@fire.ca.gov

Mike Chrisman
Secretary for Resources
California Resources Agency

Mike Pool
California State Director
Bureau of Land Management

Arnold Schwarzenegger
Governor
State of California